

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1988	(700/110 700/302 700/143 700/204 382/141 382/111 382/152 28/141 28/299 356/630 250/358.1 250/359.1 250/360.1 356/430 356/431 250/559.05 250/559.07 250/559.08 73/146 73/159 73/865.8 73/866 156/64 156/367 156/378 156/350 156/351 156/360 702/82 702/84). ccls.	US-PGPUB	OR	ON	2007/08/08 17:17
L2	8	(700/110 700/302 700/143 700/204 382/141 382/111 382/152 28/141 28/299 356/630 250/358.1 250/359.1 250/360.1 356/430 356/431 250/559.05 250/559.07 250/559.08 73/146 73/159 73/865.8 73/866 156/64 156/367 156/378 156/350 156/351 156/360 702/82 702/84 702/for.137).ccls.	FPRS	OR	ON	2007/08/08 17:19
L3	391	(700/110 700/302 700/143 700/204 382/141 382/111 382/152 28/141 28/299 356/630 250/358.1 250/359.1 250/360.1 356/430 356/431 250/559.05 250/559.07 250/559.08 73/146 73/159 73/865.8 73/866 156/64 156/367 156/378 156/350 156/351 156/360 702/82 702/84 702/for.137).ccls.	EPO	OR	ON	2007/08/08 17:21
L4	1819	(700/110 700/302 700/143 700/204 382/141 382/111 382/152 28/141 28/299 356/630 250/358.1 250/359.1 250/360.1 356/430 356/431 250/559.05 250/559.07 250/559.08 73/146 73/159 73/865.8 73/866 156/64 156/367 156/378 156/350 156/351 156/360 702/82 702/84 702/for.137).ccls.	JPO	OR	ON	2007/08/08 17:21
L5	9345	(700/110 700/302 700/143 700/204 382/141 382/111 382/152 28/141 28/299 356/630 250/358.1 250/359.1 250/360.1 356/430 356/431 250/559.05 250/559.07 250/559.08 73/146 73/159 73/865.8 73/866 156/64 156/367 156/378 156/350 156/351 156/360 702/82 702/84). ccls.	USPAT	OR	ON	2007/08/08 17:33

EAST Search History

L6	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	IBM_TDB	OR	ON	2007/08/08 18:00
L7	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	US-PGPUB	OR	ON	2007/08/08 17:47
L8	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	FPRS	OR	ON	2007/08/08 17:47
L9	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	EPO	OR	ON	2007/08/08 17:47

EAST Search History

L10	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	JPO	OR	ON	2007/08/08 17:48
L11	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	DERWENT	OR	ON	2007/08/08 17:49
L12	1	2004-315543.NRAN.	DERWENT	OR	ON	2007/08/08 17:48
L13	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	USOCR	OR	ON	2007/08/08 18:02
L14	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	USPAT	OR	ON	2007/08/08 17:50

EAST Search History

L15	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	IBM_TDB	OR	ON	2007/08/08 17:51
L16	8	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	US-PGPUB	OR	ON	2007/08/08 17:55
L17	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	FPRS	OR	ON	2007/08/08 17:55
L18	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	EPO	OR	ON	2007/08/08 17:55
L19	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	JPO	OR	ON	2007/08/08 17:55

EAST Search History

L20	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	DERWENT	OR	ON	2007/08/08 17:55
L21	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	USOCR	OR	ON	2007/08/08 17:56
L22	7	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))))	USPAT	OR	ON	2007/08/08 17:56
L23	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))))	IBM_TDB	OR	ON	2007/08/08 18:01
L24	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))))	US-PGPUB	OR	ON	2007/08/08 18:01

EAST Search History

L25	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	FPRS	OR	ON	2007/08/08 18:01
L26	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	EPO	OR	ON	2007/08/08 18:01
L27	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	JPO	OR	ON	2007/08/08 18:01
L28	1	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	DERWENT	OR	ON	2007/08/08 18:01
L29	0	(quality near (control controlled controller controlling controler controlling controled controllor controlor)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	USOCR	OR	ON	2007/08/08 18:02

EAST Search History

L30	0	(quality near (control controlled controller controlling controller controlling controlled controller)) and (((image imaged) near (analysis analyze analyzing analyzer analyzed)) with ((count counting counted counter) near10 (thread cord threading threaded cording corded)))	USPAT	OR	ON	2007/08/08 18:02
L31	1	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	US-PGPUB	OR	ON	2007/08/08 18:03
L32	0	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	FPRS	OR	ON	2007/08/08 18:03
L33	1	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	EPO	OR	ON	2007/08/08 18:03
L34	0	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	JPO	OR	ON	2007/08/08 18:03

EAST Search History

L35	1	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	DERWENT	OR	ON	2007/08/08 18:04
L36	0	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	USOCR	OR	ON	2007/08/08 18:04
L37	0	((image imaged) near (analysis analyze analyzing analyzer analyzed)) with (overlap overlapping overlapped splice spliced splicing spliceing ("over" adj (lap lapped lapping))) with ((count counting counted counter) near10 (thread cord threading threaded cording corded))	USPAT	OR	ON	2007/08/08 18:05
L38	9	(ep-329889-\$ ep-869330-\$ ep-366235-\$ ep-392693-\$ ep-757245-\$ ep-692714-\$ jp-59039538-\$ jp-03002511-\$ jp-63285453-\$).did.	DERWENT	OR	ON	2007/08/08 18:20
L39	1	1998-508607.NRAN.	DERWENT	OR	ON	2007/08/08 18:10
L40	1	1996-070323.NRAN.	DERWENT	OR	ON	2007/08/08 18:12
L41	1	1990-201083.NRAN.	DERWENT	OR	ON	2007/08/08 18:13
L42	1	1990-133717.NRAN.	DERWENT	OR	ON	2007/08/08 18:14
L43	1	1989-138200.NRAN.	DERWENT	OR	ON	2007/08/08 18:15
L44	1	nl-9500151-\$.did.	DERWENT	OR	ON	2007/08/08 18:18
L45	4	(ep-329889-\$ ep-869330-\$ ep-366235-\$ ep-392693-\$ ep-757245-\$ nl-9500151-\$).did.	EPO	OR	ON	2007/08/08 18:26
L46	0	(ep-329889-\$ ep-869330-\$ ep-366235-\$ ep-392693-\$ ep-757245-\$ nl-9500151-\$).did.	FPRS	OR	ON	2007/08/08 18:27
L47	8	("3773422" "5294973" "4842413" "3997783" "4892609" "5895845" "5256883" "4277178").pn.	USPAT	OR	ON	2007/08/08 18:29

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L9	9345	(700/110 700/302 700/143 700/204 382/141 382/111 382/152 28/141 28/299 356/630 250/358.1 250/359. 1 250/360.1 356/430 356/431 250/559.05 250/559.07 250/559.08 73/146 73/159 73/865.8 73/866 156/64 156/367 156/378 156/350 156/351 156/360 702/82 702/84). ccls.	USPAT	OR	ON	2007/08/09 11:54
L10	551	(348/88 348/92 348/93) not L9	USPAT	OR	ON	2007/08/09 11:54

DERWENT-ACC-NO: 1996-070323

DERWENT-WEEK: 199618

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TITLE: Recognition of geometrical peculiarities of
polygons - by illuminating component with monochrome
collimated light and observing by linear colour video
camera and analysing result

INVENTOR: KARPP, B; VOGRIG, R ; KARPP, B F ; VOGRIG, R J

PATENT-ASSIGNEE: CENT TECH DU BOIS & AMEUBLEMENT[TEBON]

PRIORITY-DATA: 1994FR-0008630 (July 12, 1994)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
EP 692714 A1	January 17, 1996	F
018 G01N 033/46		
CA 2153647 A	January 13, 1996	N/A
000 G01C 011/04		
FR 2722573 A1	January 19, 1996	N/A
000 G01N 021/88		
FI 9503397 A	January 13, 1996	N/A
000 G01N 021/89		

DESIGNATED-STATES: AT DE DK IT SE

CITED-DOCUMENTS: DE 4033485; EP 320391 ; US 4831545 ; WO 9011488 ;
WO 9325894

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
EP 692714A1	N/A	1995EP-0401649
July 7, 1995		
CA 2153647A	N/A	1995CA-2153647
July 11, 1995		
FR 2722573A1	N/A	1994FR-0008630
July 12, 1994		
FI 9503397A	N/A	1995FI-0003397
July 11, 1995		

INT-CL (IPC): G01C011/04, G01N021/88 , G01N021/89 , G01N033/46 ,
G06T001/00

ABSTRACTED-PUB-NO: EP 692714A

BASIC-ABSTRACT:

The parallelepiped component (5) has a main face (1) and another adjacent (3) at an angle between 0deg. and 90deg.. A monochromatic light source (21) projects a collimated beam perpendicular to the component's longitudinal axis, illuminating the adjacent, but not main face. A linear colour video camera (11), perpendicular to the component longitudinal axis and main face, observes this and the adjacent face projection.

The three colour signals (R,V,B) from the camera, each represent their amplitude , on the observed line. These signals, treated in real time, provide an adjacent pixel succession, identified by position labels. A displacement, relative to the component axis, camera and light source, is analysed for the faces observed and their particular geometry (8). The light source may be a laser.

USE/ADVANTAGE - Inspection of pieces of wood, timber quality control. Simple, efficient detection of rectangular, trapezoidal, or uneven surfaces, with improved field of vision.

CHOSEN-DRAWING: Dwg.6/16

TITLE-TERMS: RECOGNISE GEOMETRY POLYGONAL ILLUMINATE COMPONENT
MONOCHROME

COLLIMATE LIGHT OBSERVE LINEAR COLOUR VIDEO CAMERA
ANALYSE RESULT

DERWENT-CLASS: S03

EPI-CODES: S03-E04F2; S03-E14D7;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1996-059020

force to the
elements.

The guide portion (2) holds the sensor portion at a specified distance from the sheet (5). The speed detecting portion (3) detects movement of the sheet (5) per unit time. The pitch of steel cords in the sheet and the number of steel cords per unit length of sheet are calculated in a computer and displayed.

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: INSPECT DEVICE TYPE STEEL CORD ARRANGE SENSE GUIDE SPEED
DETECT

PART CALCULATE CORD PER UNIT LENGTH SHEET

DERWENT-CLASS: A95 Q11

CPI-CODES: A08-R05; A09-D; A11-B09; A12-T01;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 5333U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0011 0229 2020 2215 2220 2343 2470 2826

Multipunch Codes: 014 03- 032 231 308 309 371 375 41& 45& 456 473 654
672 722
723

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-039355

Non-CPI Secondary Accession Numbers: N1984-068661

DERWENT-ACC-NO: 1984-092235

DERWENT-WEEK: 198415

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TITLE: Inspection device for type steel cords
arrangement - with sensor, guide and speed detecting parts
for calculating cords per unit length of sheet

PATENT-ASSIGNEE: YOKOHAMA RUBBER CO LTD[YOKO]

PRIORITY-DATA: 1982JP-0151312 (August 31, 1982)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 59039538 A	March 3, 1984	N/A
005 N/A		
JP 90013895 B	April 5, 1990	N/A
000 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 59039538A	N/A	1982JP-0151312
August 31, 1982		
JP 90013895B	N/A	1982JP-0151312
August 31, 1982		

INT-CL (IPC): B29D030/42, B29H009/08 , B29H017/28 , B29K105/22 ,
B60C009/00

ABSTRACTED-PUB-NO: JP 59039538A

BASIC-ABSTRACT:

Measuring device (1) is installed in the conveying line of a steel reinforced sheet (5) in which steel cords (6) have been buried at given intervals. The measuring device (1) consists of a sensor portion (4), a guide portion (2), and a speed detecting portion (3). The sensor portion comprises two Hall effect elements (10), (11) and a permanent magnet (12) to supply magnetic

DERWENT-ACC-NO: 1991-049007

DERWENT-WEEK: 199107

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TITLE: Testing device for joint of sheet material -
consisting of sheet transfer device, roller and arm fitted
with vibration meter

PATENT-ASSIGNEE: BRIDGESTONE CORP[BRID]

PRIORITY-DATA: 1989JP-0136763 (May 30, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
<u>JP 03002511 A</u>	January 8, 1991	N/A
000 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 03002511A	N/A	1989JP-0136763
May 30, 1989		

INT-CL (IPC): B29D030/38, G01B005/06 , G01B021/30

ABSTRACTED-PUB-NO: JP 03002511A

BASIC-ABSTRACT:

The device comprises a means to transfer a sheet material, a roller to rotate contacting the surface of the sheet material, a vibration meter installed at an arm supporting the roller to detect vibration of the arm, and a signal processing circuit to detect the quantity of joint of the sheet material based on obtd. signal.

USE - Structure is simple. Cost is low. Maintenance is easy and precision is high. @(7pp DWg.No.1/4)@

TITLE-TERMS: TEST DEVICE JOINT SHEET MATERIAL CONSIST SHEET TRANSFER
DEVICE

ROLL ARM FIT VIBRATION METER

DERWENT-CLASS: A35 S02

CPI-CODES: A09-C; A12-S07;

EPI-CODES: S02-J08;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0223 0229 2411 3240 2522

Multipunch Codes: 014 03- 371 395 425 502 53&

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-021038

Non-CPI Secondary Accession Numbers: N1991-037816

DERWENT-ACC-NO: 1989-005044

DERWENT-WEEK: 198901

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TITLE: Detecting object in base material with optical
characteristics - by observing image through
analyser
using irradiated light polarised in particular
direction

PATENT-ASSIGNEE: BRIDGESTONE TIRE KK[BRID]

PRIORITY-DATA: 1987JP-0120250 (May 19, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
JP 63285453 A	November 22, 1988	N/A
005 N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 63285453A	N/A	1987JP-0120250
May 19, 1987		

INT-CL (IPC): B29D030/00, G01N021/89

ABSTRACTED-PUB-NO: JP 63285453A

BASIC-ABSTRACT:

An object, included in a base material having optical characteristics and
conserving polarising property of reflected light which is incapable
of
conserving polarising property of reflected light, is detected. The
object
image is observed through an analyser, which irradiates the base
material with
light polarised in a direction and has a polarising direction in
which light
reflected by the base material and light not losing polarising
property is cut.

ADVANTAGE - Increases detecting precision and sensitivity.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: DETECT OBJECT BASE MATERIAL OPTICAL CHARACTERISTIC
OBSERVE IMAGE

THROUGH ANALYSE IRRADIATE LIGHT POLARISE DIRECTION

DERWENT-CLASS: J04 S03

CPI-CODES: J04-C04;

EPI-CODES: S03-E04;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-002716

Non-CPI Secondary Accession Numbers: N1989-003599